LA	OC03	SCIDS	0	24	32	56					
		Nodal Links	0	63	32	95		2.63	1.00	1.70	Avg Nodes
		Total STS-1s	0	189	96	285		21.4%	72.7%	12.7%	% of Total
		Spare STS-1s	0	103.25	42.68	145.93		45.4%	55.5%	48.8%	Util %
	OC12	SCIDS	0	20	3	23					
		Nodal Links	0	58	3	61		2.90	1.00	2.65	Avg Nodes
		Total STS-1s	0	696	36	732		78.6%	27.3%	32.7%	% of Total
		Spare STS-1s	0	389.86	24	413.86		44.0%	33.3%	43.5%	Util %
	OC48	SCIDS	12	0	0	12					
		Nodal Links	51	0	0	51	4.25			4.25	Avg Nodes
		Total STS-1s	1224	0	0	1224	100.0%			54.6%	% of Total
		Spare STS-1s	733.08	0	0	733.08	40.1%			40.1%	Util %
LA		SCIDS	12	44	35	91					
LA		Nodal Links	51	121	35	207	4.25	2.75	1.00	2.27	Avg Nodes
LA		Total STS-1s	1224	885	132	2241	100.0%	100.0%	100.0%	100.0%	% of Total
LA		Spare STS-1s	733.08	493.11	66.68	1292.87	40.1%	44.3%	49.5%	42.3%	Util %
MS	OC03	SCIDS	0	41	12	53					
		Nodal Links	0	140	12	152		3.41	1.00	2.87	Avg Nodes
		Total STS-1s	0	420	36	456		42.7%	13.0%	11.8%	% of Total
		Spare STS-1s	0	188.83	20.12	208.95		55.0%	44.1%	54.2%	Util %
	OC12	SCIDS	0	11	16	27					
		Nodal Links	0	39	16	55		3.55	1.00	2.04	Avg Nodes
		Total STS-1s	0	468	192	660		47.6%	69.6%	17.1%	% of Total
		Spare STS-1s	0	171	45	216		63.5%	76.6%	67.3%	Util %
	OC48	SCIDS	15	1	1	17					
		Nodal Links	108	2	1	111	7.20	2.00	1.00	6.53	Avg Nodes
		Total STS-1s	2592	96	48	2736	100.0%	9.8%	17.4%	71.0%	% of Total
		Spare STS-1s	1118	52	27	1197	56.9%	45.8%	43.8%	56.3%	Util %
MS		SCIDS	15	53	29	97					
MS		Nodal Links	108	181	29	318	7.20	3.42	1.00	3.28	Avg Nodes
MS		Total STS-1s	2592	984	276	3852	100.0%	100.0%	100.0%	100.0%	% of Total
MS		Spare STS-1s	1118	411.83	92.12	1621.95	56.9%	58.1%	66.6%	57.9%	Util %

NC	OC03	SCIDS	0	48	78	126					
		Nodal Links	0	173	78	251		3.60	1.00	1.99	Avg Nodes
		Total STS-1s	0	519	234	753		42.7%	73.6%	11.9%	% of Total
		Spare STS-1s	0	265.87	98.37	364.24		48.8%	58.0%	51.6%	Util %
	OC12	SCIDS	0	18	7	25					
		Nodal Links	0	58	7	65		3.22	1.00	2.60	Avg Nodes
		Total STS-1s	0	696	84	780		57.3%	26.4%	12.3%	% of Total
		Spare STS-1s	0	337.89	35	372.89		51.5%	58.3%	52.2%	Util %
	OC48	SCIDS	41	0	0	41					
		Nodal Links	200	0	0	200	4.88			4.88	Avg Nodes
		Total STS-1s	4800	0	0	4800	100.0%			75.8%	% of Total
		Spare STS-1s	2526	0	0	2526	47.4%			47.4%	Util %
NC		SCIDS	41	66	85	192					
NC		Nodal Links	200	231	85	516	4.88	3.50	1.00	2.69	Avg Nodes
NC		Total STS-1s	4800	1215	318	6333	100.0%	100.0%	100.0%	100.0%	% of Total
NC		Spare STS-1s	2526	603.76	133.37	3263.13	47.4%	50.3%	58.1%	48.5%	Util %
SC	OC03	SCIDS	0	17	39	56					
		Nodal Links	0	69	39	108		4.06	1.00	1.93	Avg Nodes
		Total STS-1s	0	207	117	324		42.9%	32.8%	13.2%	% of Total
		Spare STS-1s	0	91.92	64.8	156.72		55.6%	44.6%	51.6%	Util %
	OC12	SCIDS	0	3	20	23					
		Nodal Links	0	11	20	31		3.67	1.00	1.35	Avg Nodes
		Total STS-1s	0	132	240	372		27.3%	67.2%	15.2%	% of Total
		Spare STS-1s	0	55.67	96.53	152.2		57.8%	59.8%	59.1%	Util %
	OC48	SCIDS	14	1	0	15					
		Nodal Links	67	3	0	70	4.79	3.00		4.67	Avg Nodes
		Total STS-1s	1608	144	0	1752	100.0%	29.8%		71.6%	% of Total
		Spare STS-1s	1040.09	93	0	1133.09	35.3%	35.4%		35.3%	Util %
SC		SCIDS	14	21	59	94					
SC		Nodal Links	67	83	59	209	4.79	3.95	1.00	2.22	Avg Nodes
SC		Total STS-1s	1608	483	357	2448	100.0%	100.0%	100.0%	100.0%	% of Total
SC		Spare STS-1s	1040.09	240.59	161.33	1442.01	35.3%	50.2%	54.8%	41.1%	Util %

TN	OC03	SCIDS	0	67	58	125					
		Nodal Links	0	269	58	327		4.01	1.00	2.62	Avg Nodes
		Total STS-1s	0	807	174	981		52.0%	70.7%	14.2%	% of Total
		Spare STS-1s	0	451.44	97.54	548.98		44.1%	43.9%	44.0%	Util %
	OC12	SCIDS	0	10	6	16					
		Nodal Links	0	42	6	48		4.20	1.00	3.00	Avg Nodes
		Total STS-1s	0	504	72	576		32.5%	29.3%	8.3%	% of Total
		Spare STS-1s	0	215.26	37.21	252.47		57.3%	48.3%	56.2%	Util %
	OC48	SCIDS	44	2	0	46					
		Nodal Links	213	5	0	218	4.84	2.50		4.74	Avg Nodes
		Total STS-1s	5112	240	0	5352	100.0%	15.5%		77.5%	% of Total
		Spare STS-1s	2758.15	201.84	0	2959.99	46.0%	15.9%		44.7%	Util %
TN		SCIDS	44	79	64	187					
TN		Nodal Links	213	316	64	593	4.84	4.00	1.00	3.17	Avg Nodes
TN		Total STS-1s	5112	1551	246	6909	100.0%	100.0%	100.0%	100.0%	% of Total
TN		Spare STS-1s	2758.15	868.54	134.75	3761.44	46.0%	44.0%	45.2%	45.6%	Util %
Total		SCIDS	237	321	374	932					
Total		Nodal Links	1198	1194	374	2766	5.05	3.72	1.00	2.97	Avg Nodes
Total		Total STS-1s	28752	12831	2184	43767	100.0%	100.0%	100.0%	100.0%	% of Total
Total		Spare STS-1s	16347.99	6721.02	1065.15	24134.16	43.1%	47.6%	51.2%	44.9%	Util %

As mentioned in Section I, a meld of the possible route configurations for a call utilizing UIT-S will be used for determining the cost of this UNE. The following table provides this meld by State. The data for computing this meld was obtained from the October 30, 1996 Network Cost Analysis Tool (NCAT) Intermediate Results - Circuit report.

Table II-8. Meld of Route Configurations

STATE	DIRECT	1 TANDEM	2 TANDEM
AL	79.76%	20.24%	0.00%
FL	88.26%	11.69%	0.06%
GA	73.20%	26.38%	0.42%
KY	87.85%	12.15%	0.00%
LA	63.85%	35.83%	0.32%
MS	3.43%	93.31%	3.27%
NC	69.97%	30.03%	0.00%
SC	89.84%	10.16%	0.00%
TN	68.21%	31.73%	0.06%
TOTAL	73.66%	26.17%	0.17%

B. *Network Architecture Drawings*

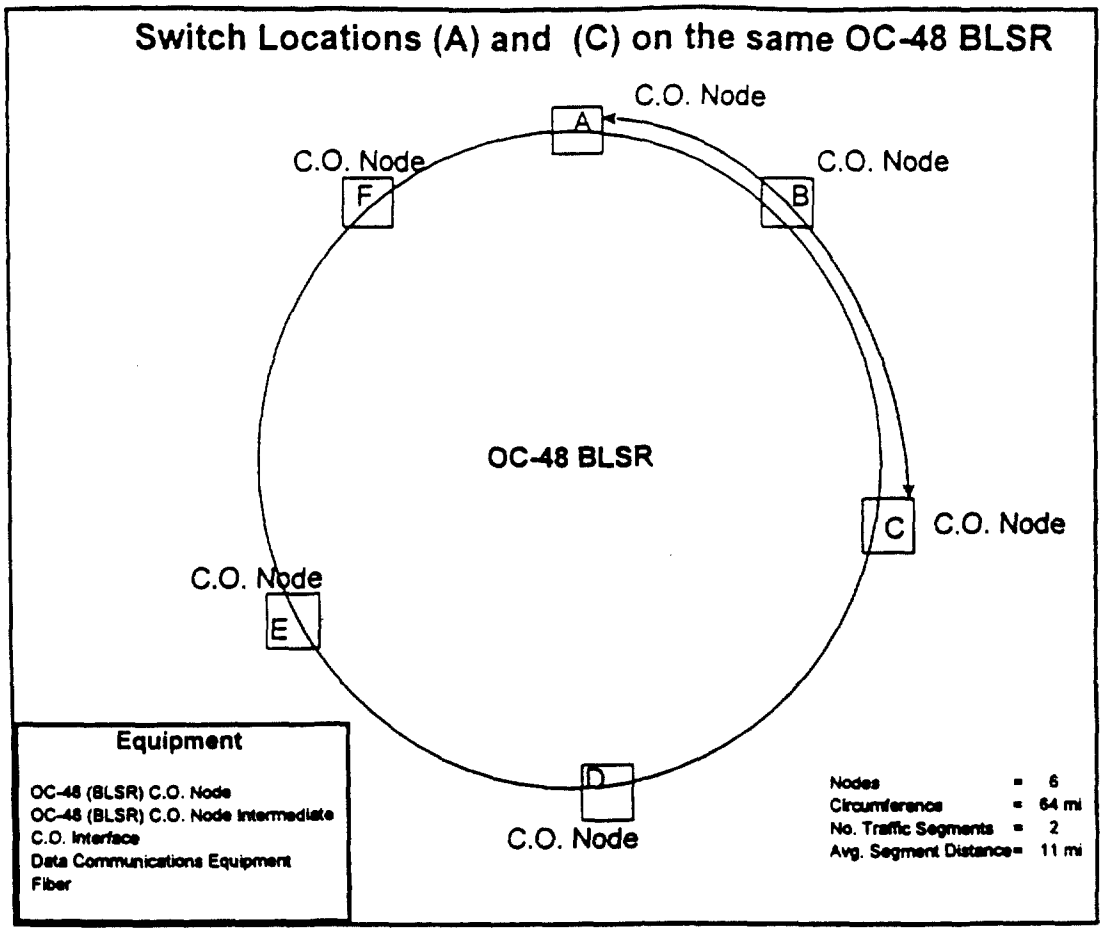


Figure II-1. Switch Locations on the same OC-48 BLSR

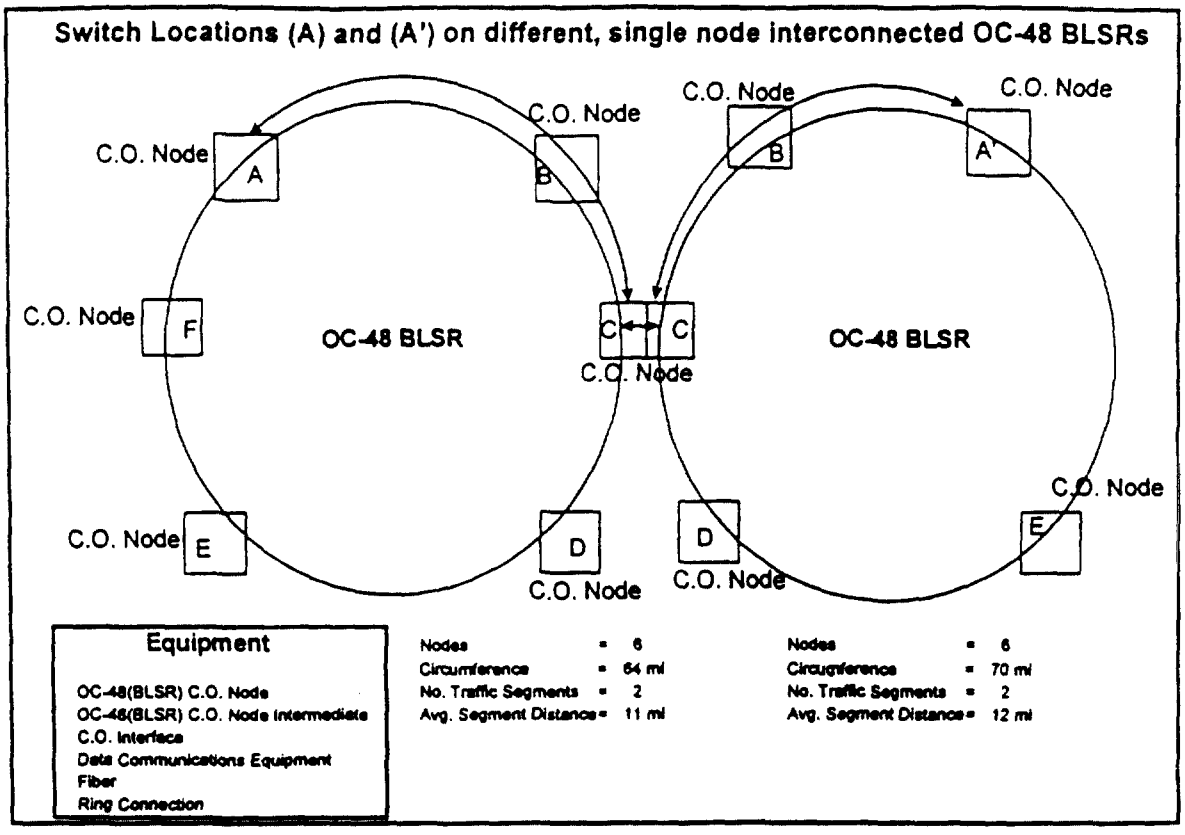


Figure II-2. Switch Locations on different, single node interconnected OC-48 BLSRs

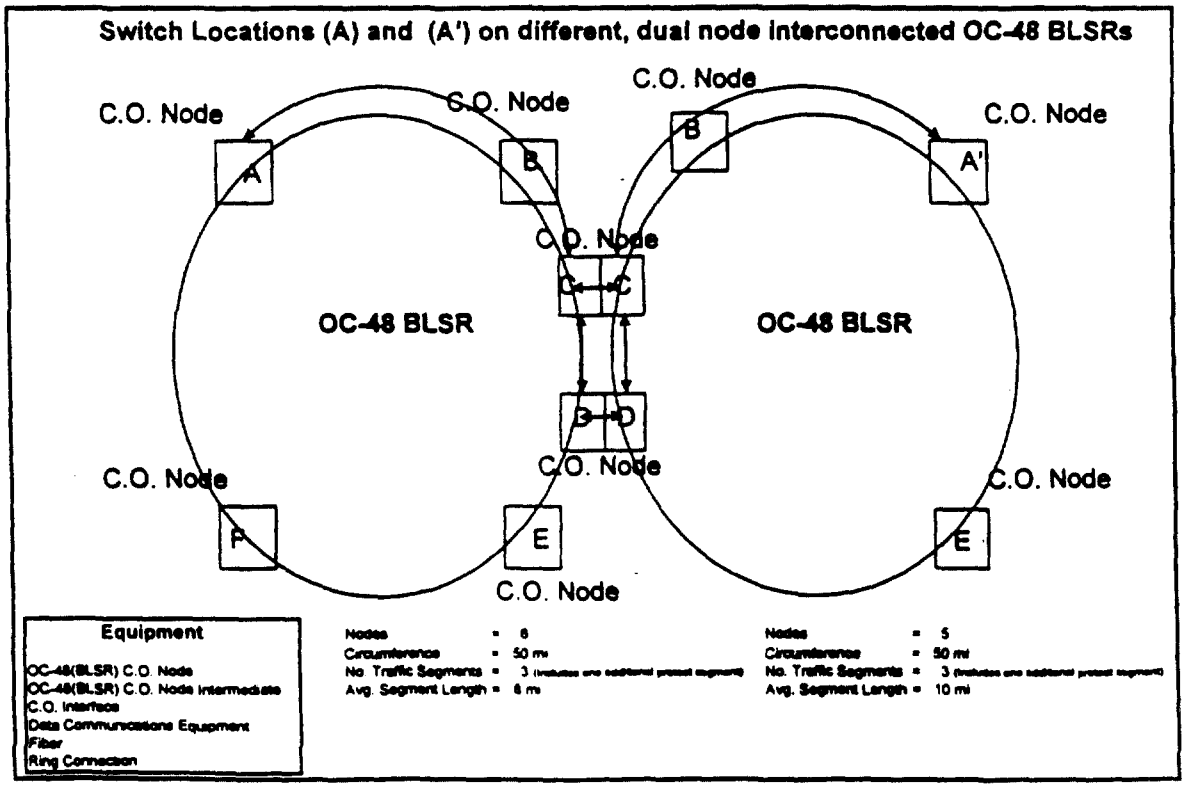


Figure II-3. Switch Locations on different, dual node interconnected OC-48 BLSRs

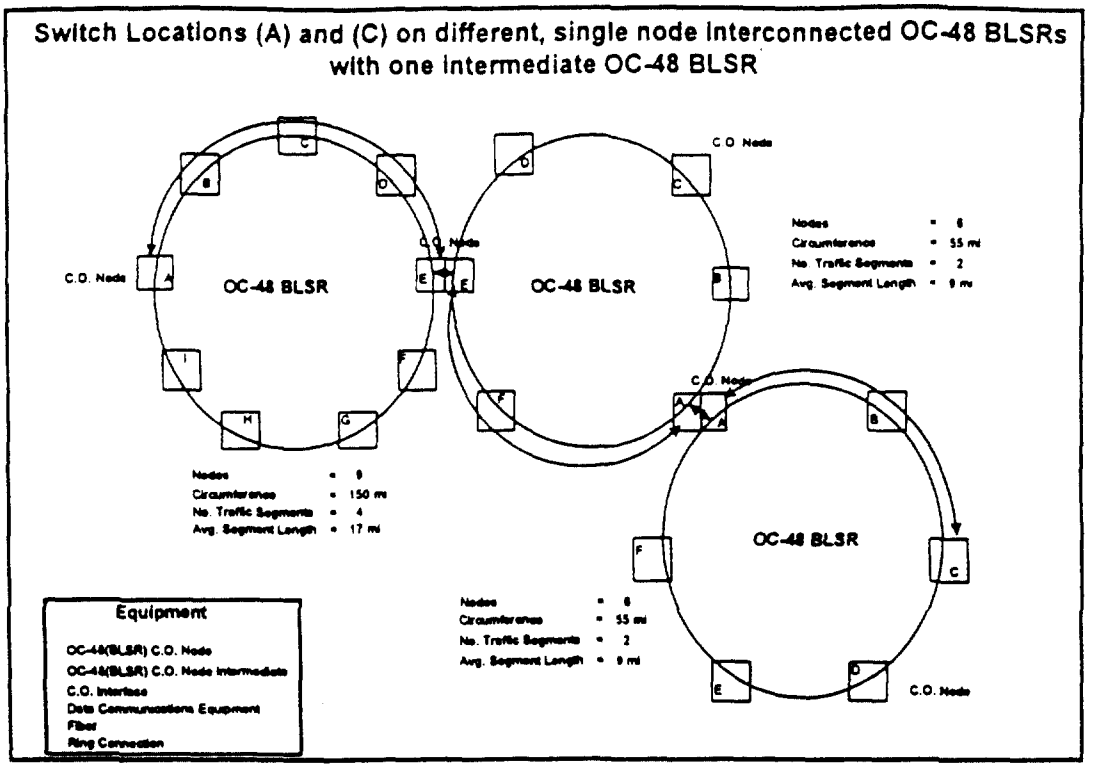


Figure II-4. Switch Locations on different, single node interconnected OC-48 BLSRs with one intermediate OC-48 BLSR

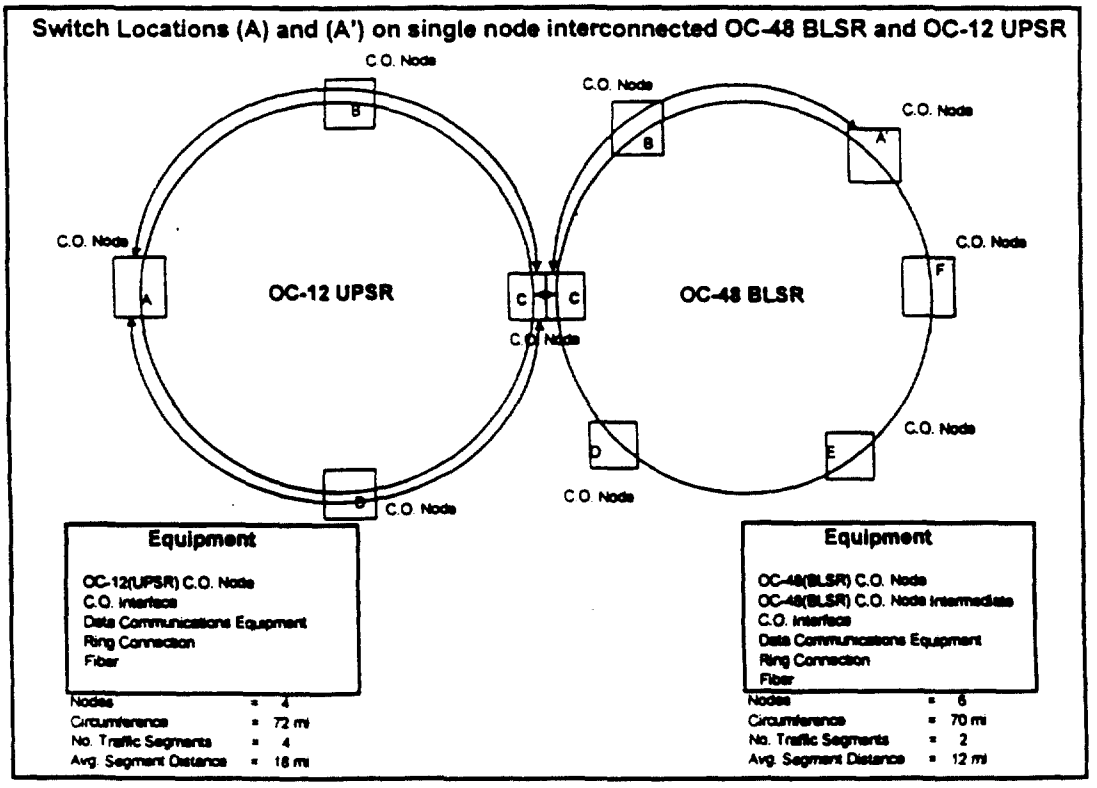


Figure II-5. Switch Locations on single node interconnected OC-48 BLSR and OC-12 UPSR

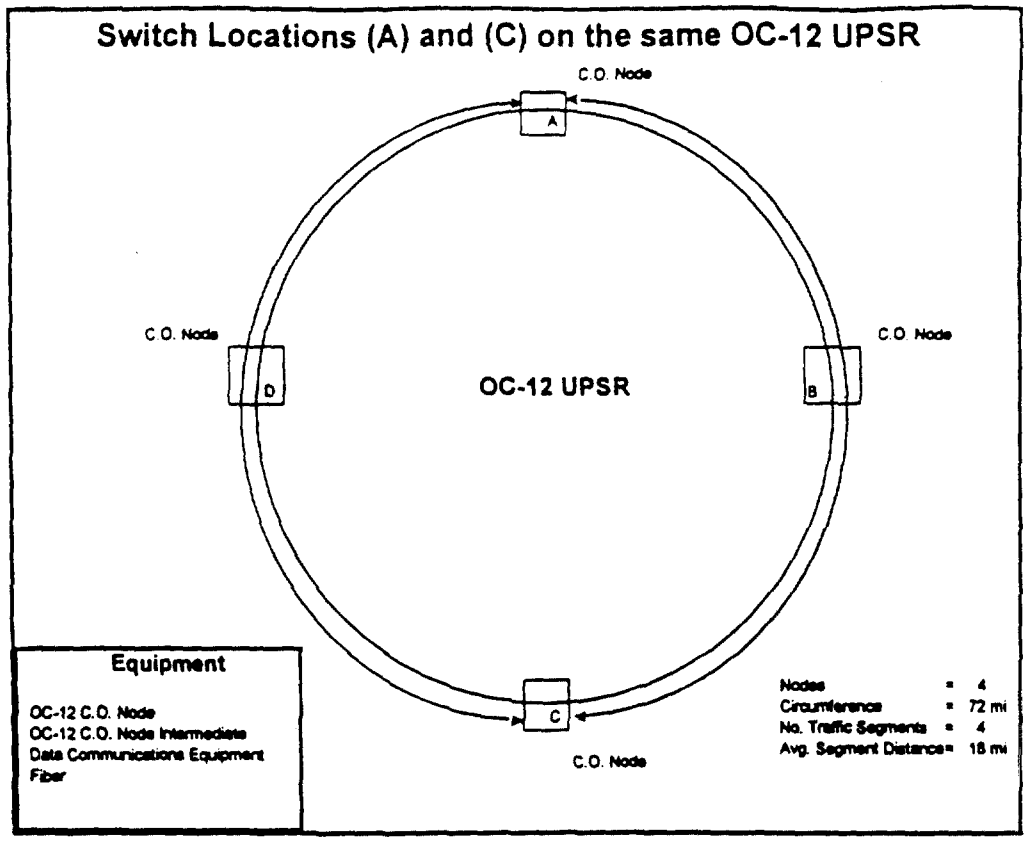


Figure II-6. Switch Locations on the same OC-12 UPSR

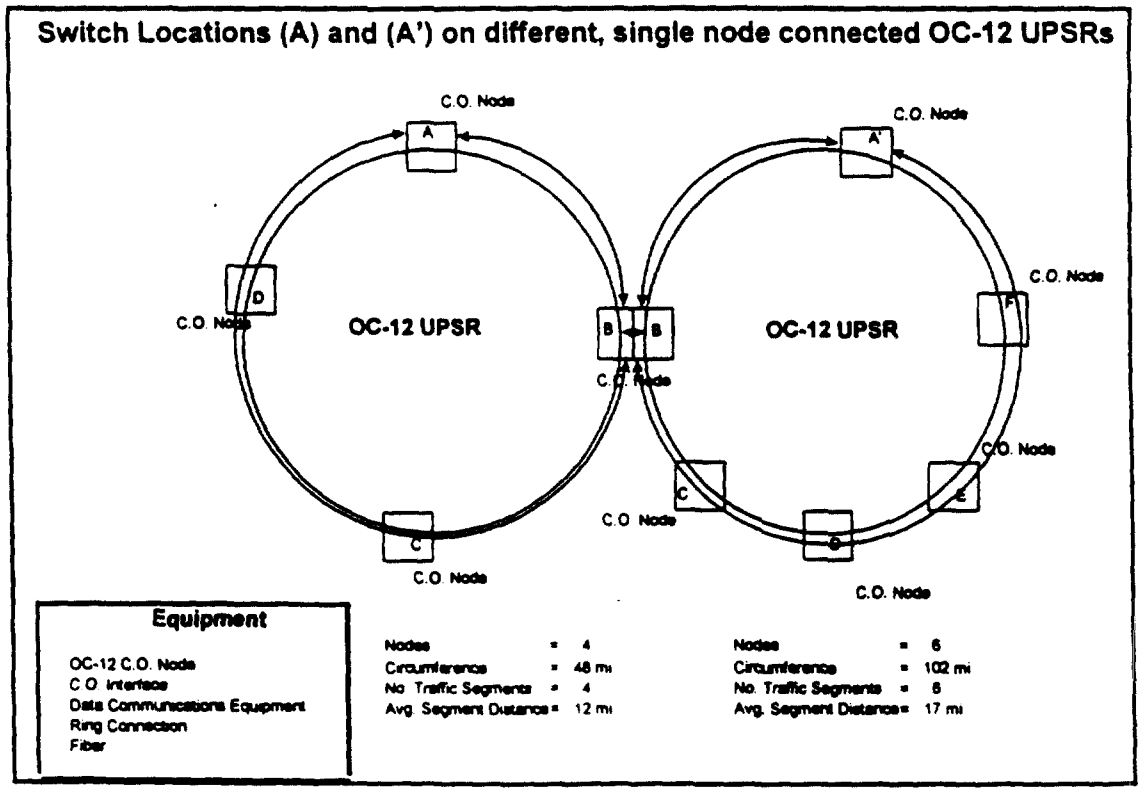


Figure II-7. Switch Locations on different, single node interconnected OC-12 UPSRs

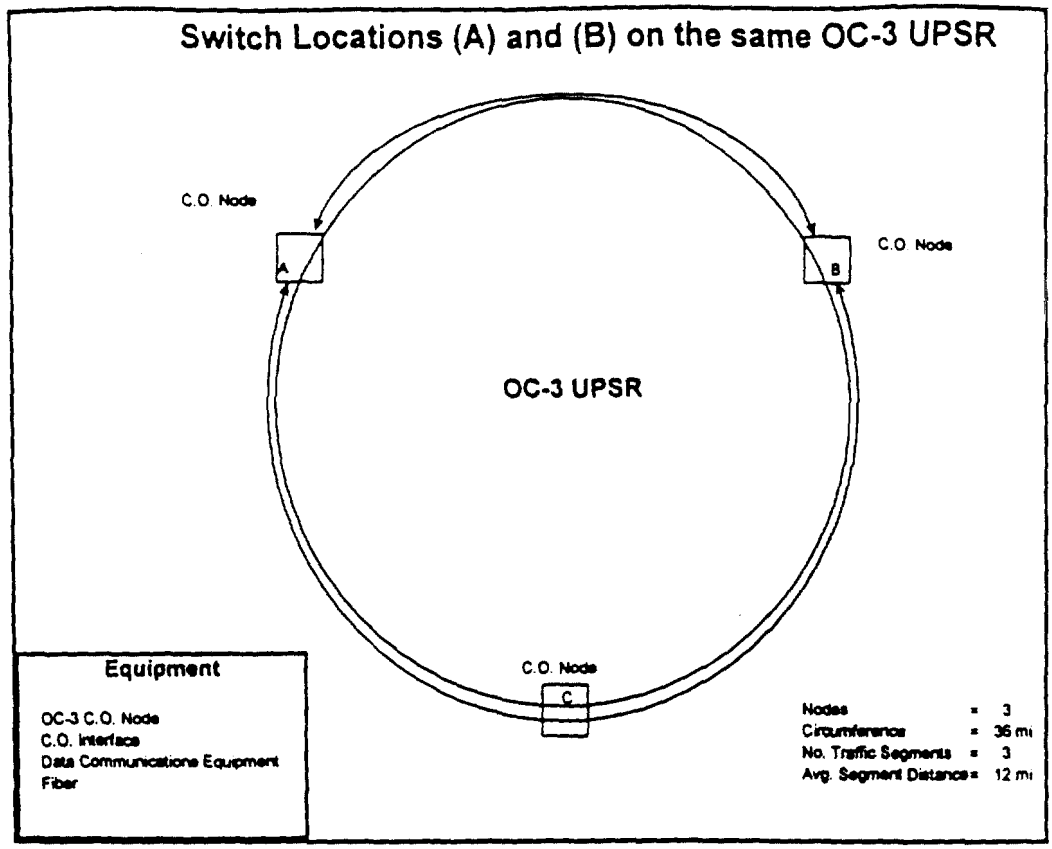


Figure II-8. Switch Locations on the same OC-3 UPSR

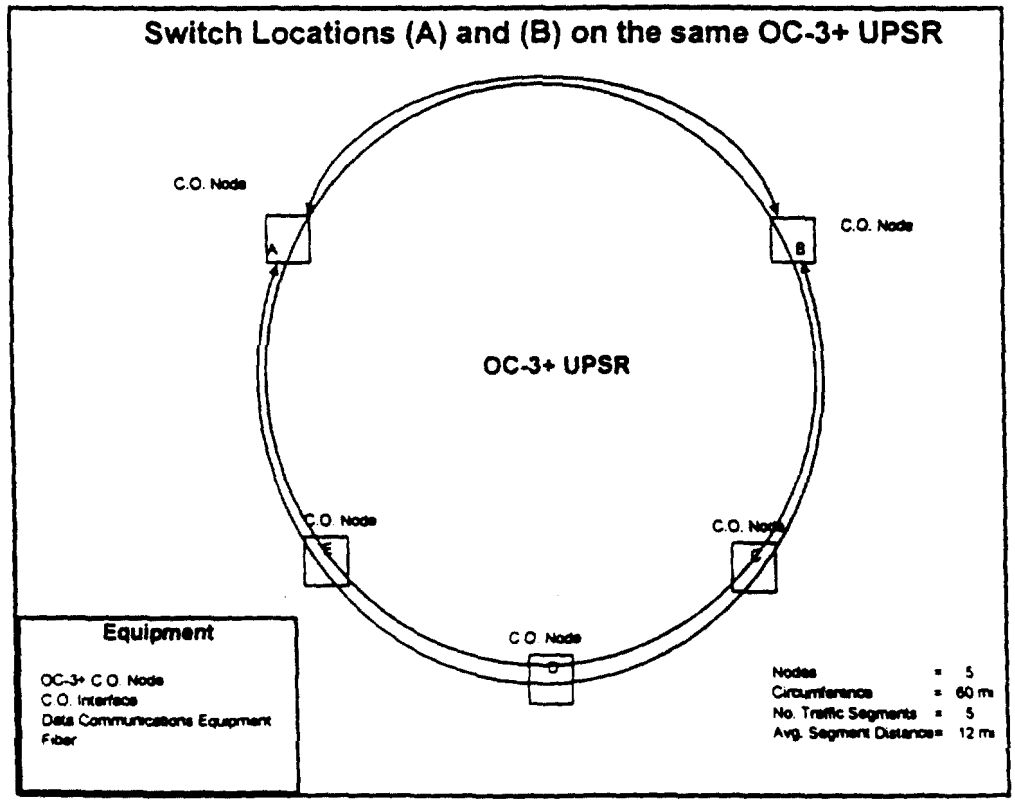


Figure II-9. Switch Locations on the same OC-3+ UPSR

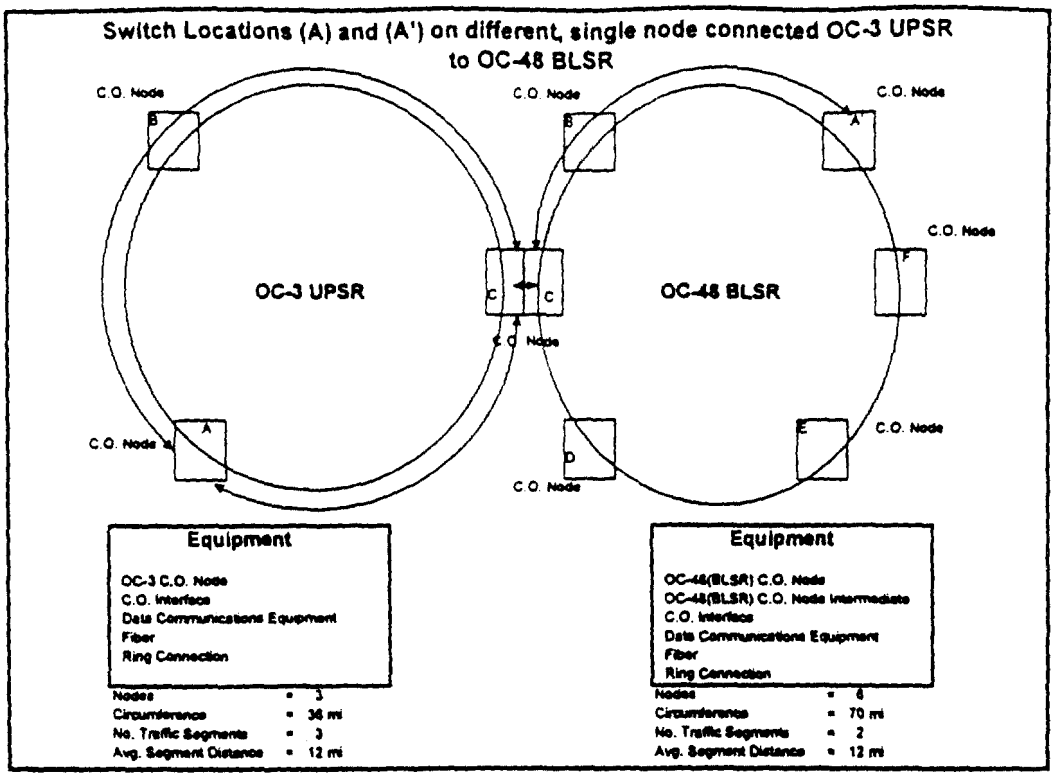


Figure II-10. Switch Locations on single node interconnected OC-48 BLSR and OC-3 UPSR

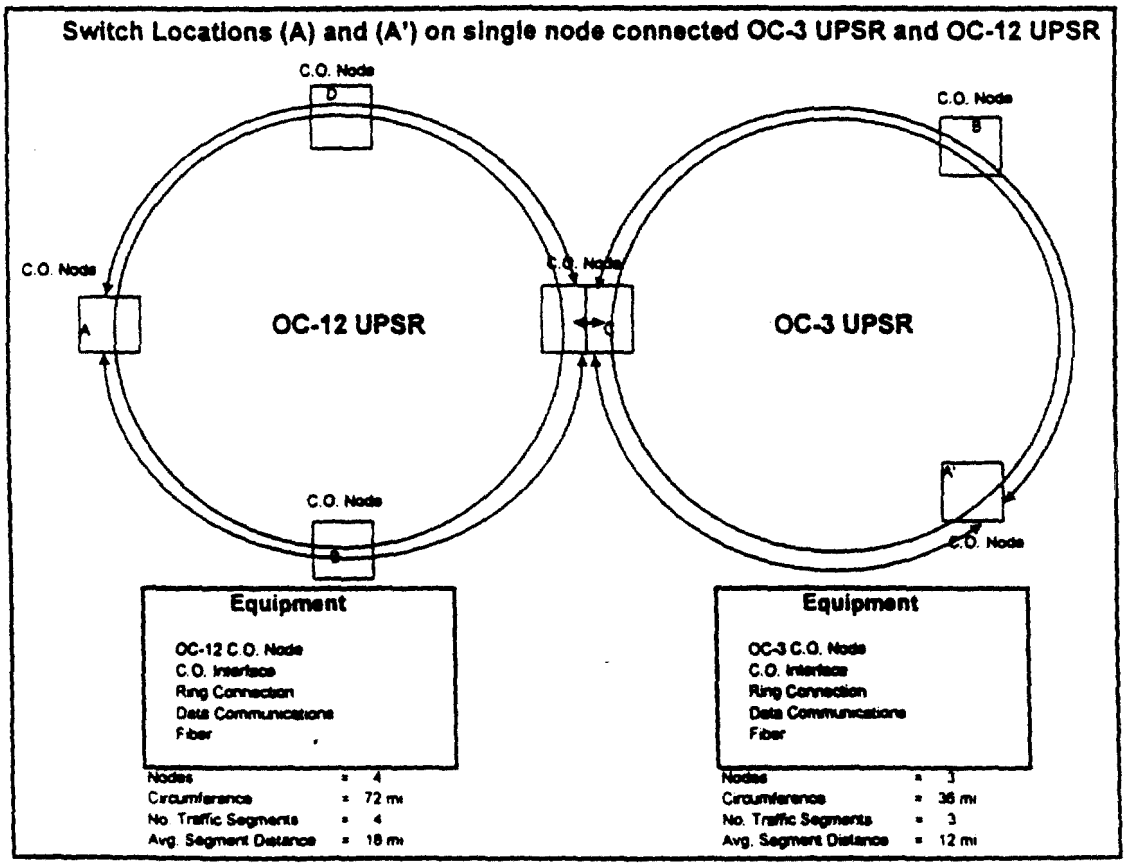


Figure II-11. Switch Locations on single node interconnected OC-12 and OC-3 UPSRs

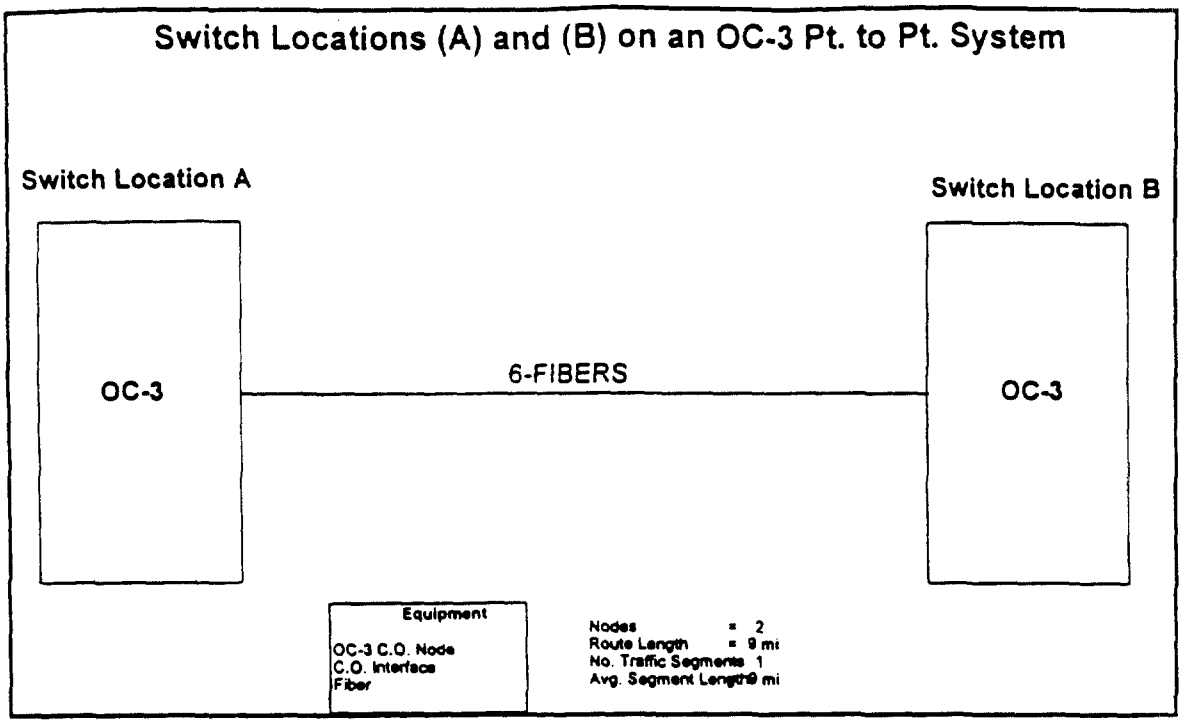


Figure II-12. Switch Locations on and OC-3 Pt.-to-Pt. System

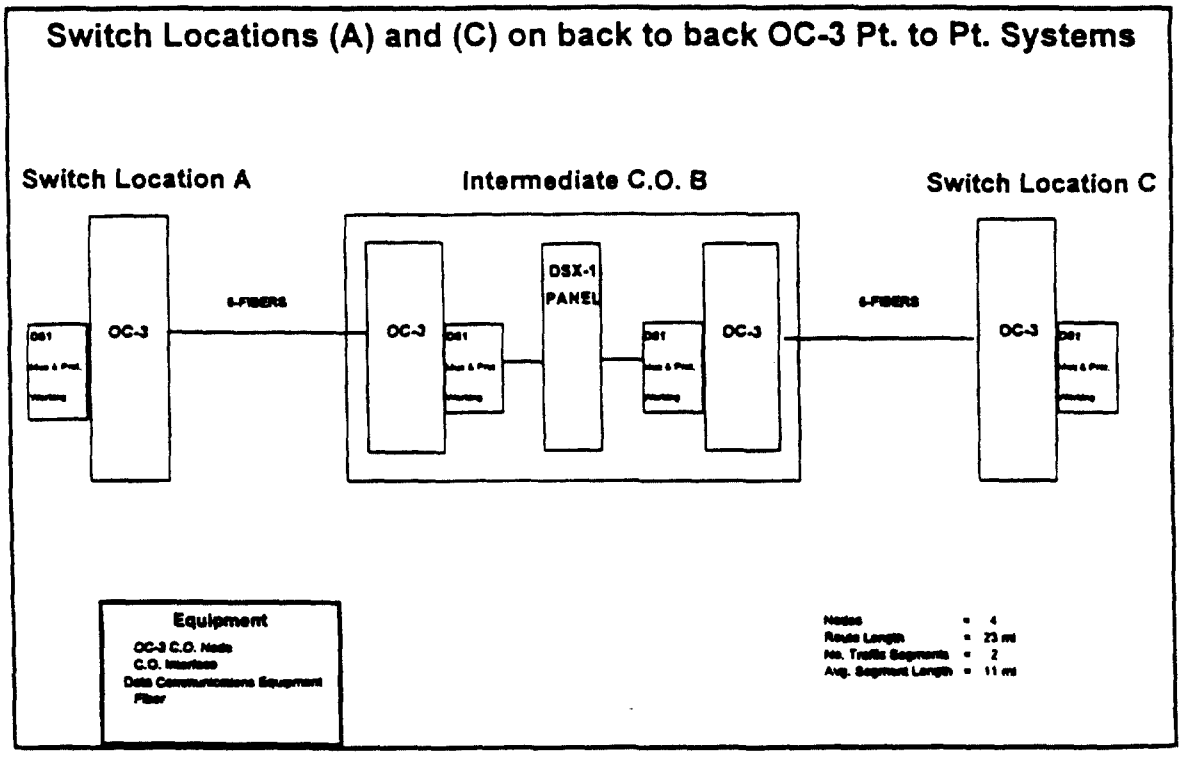


Figure II-13. Switch Locations on back to back OC-3 Pt.-to-Pt. Systems

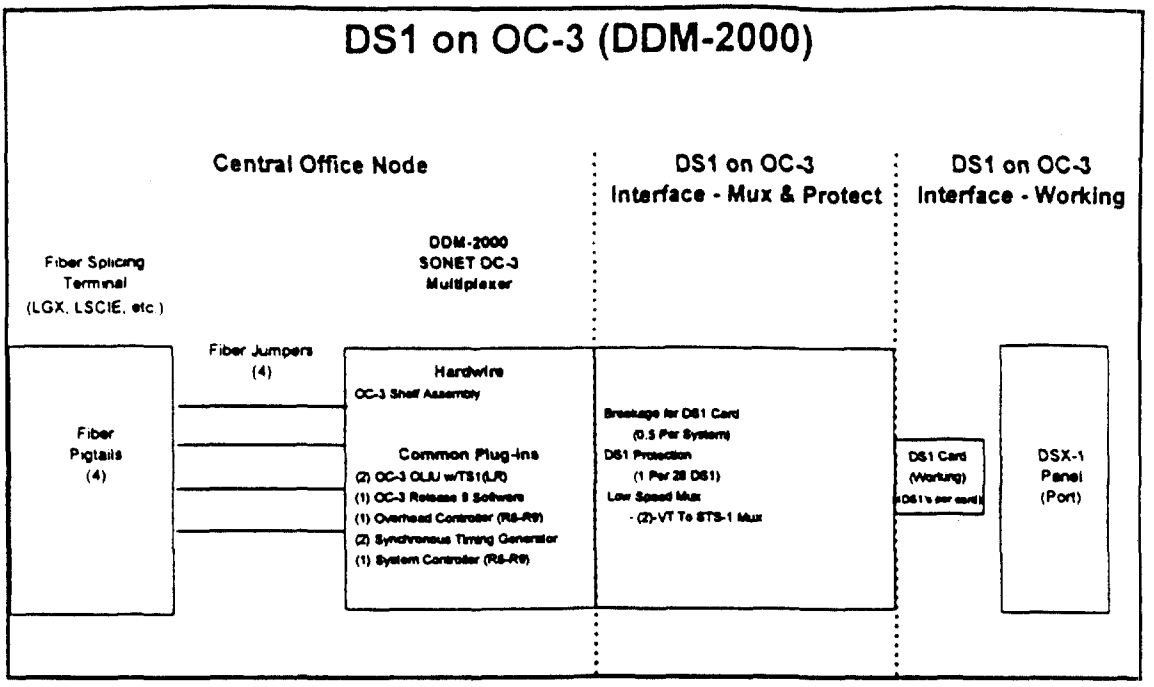


Figure II-14. DS1 on OC-3 (DDM-2000)

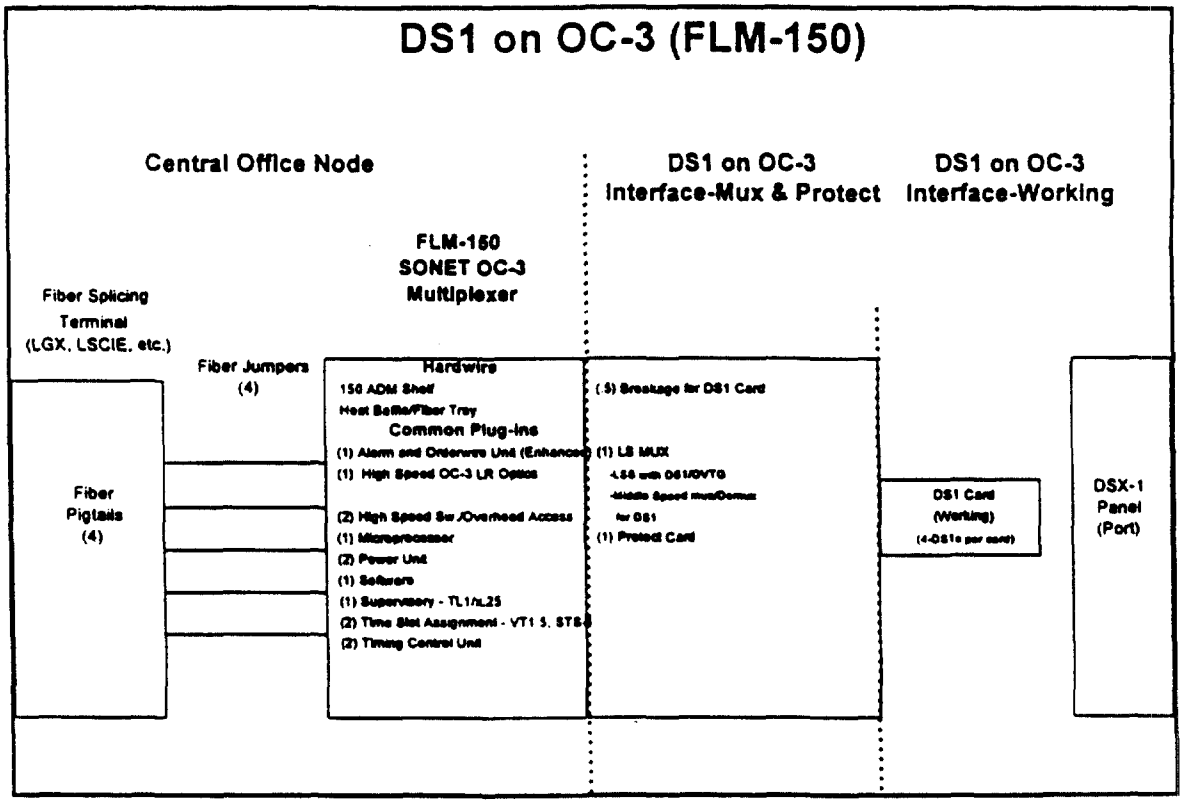


Figure II-15. DS1 on OC-3 (FLM-150)

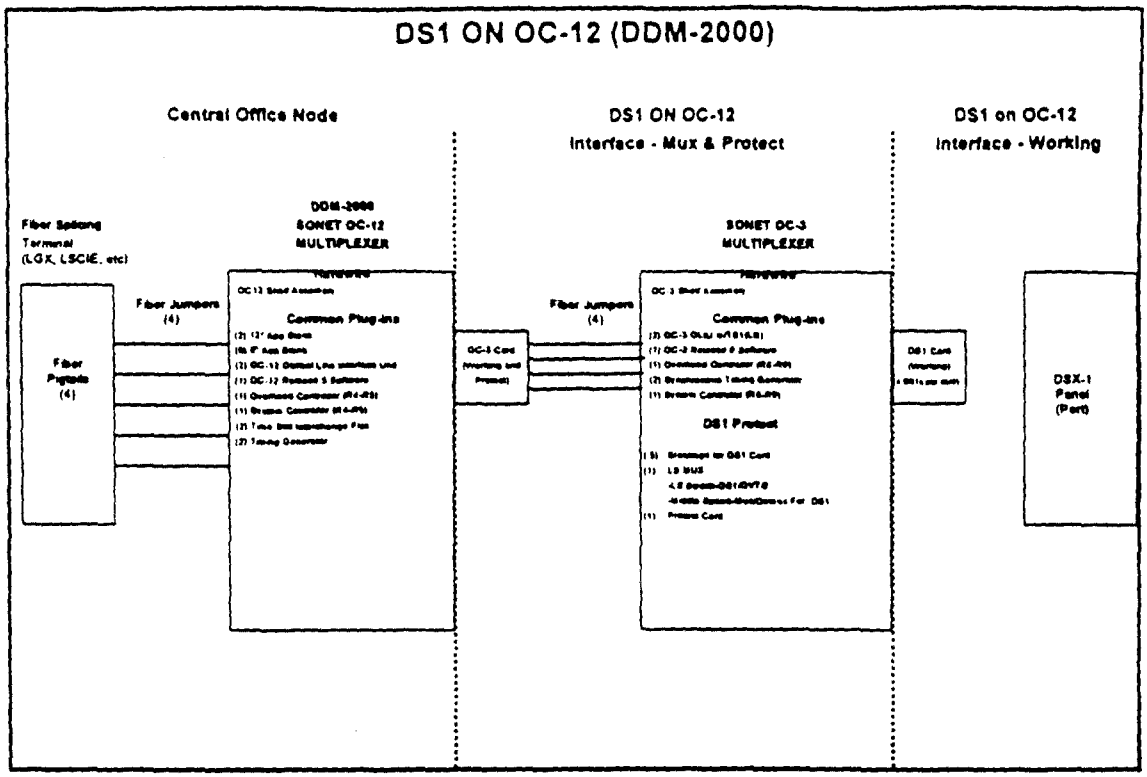


Figure II-16. DS1 on OC-12 (DDM-2000)

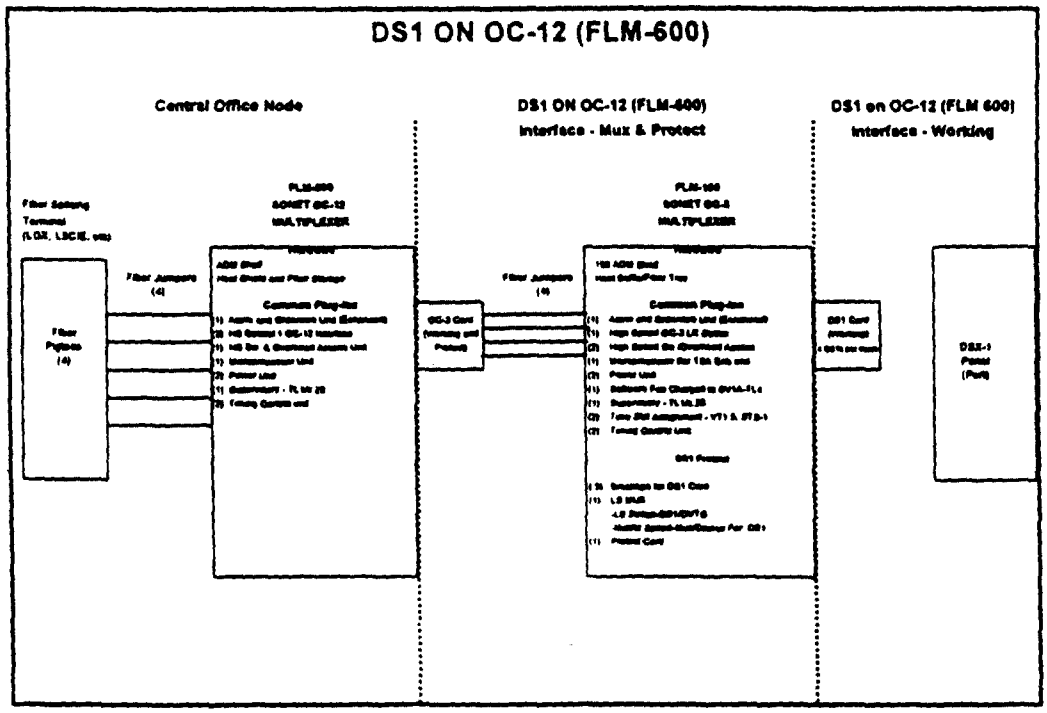


Figure II-17. DS1 on OC-12 (FLM-600)

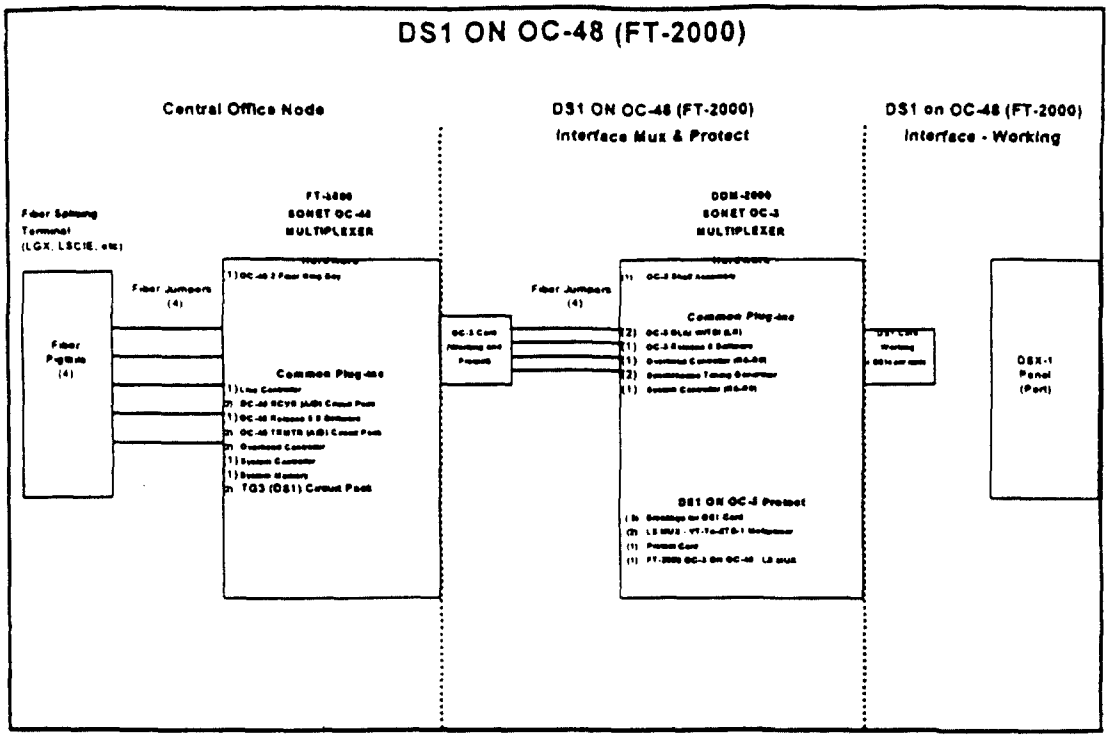


Figure II-18. DS1 on OC-48 (FT-2000)

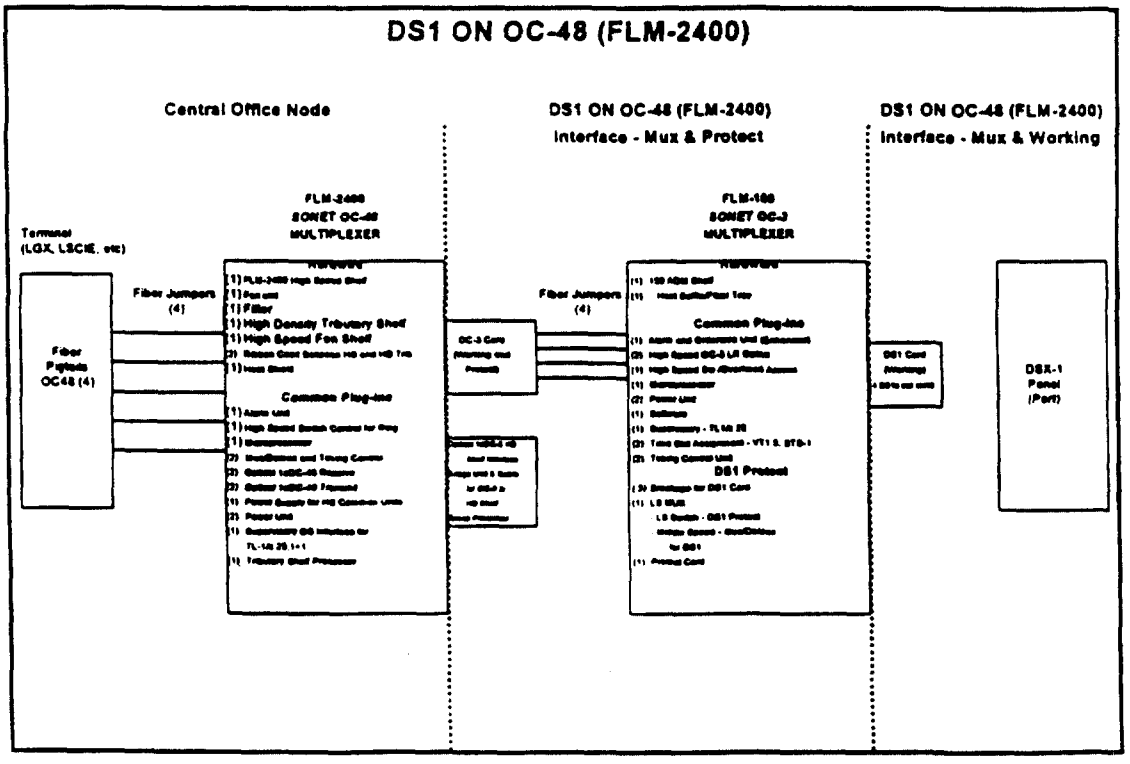


Figure II-19. DS1 on OC-48 (FLM-2400)

C. *Operational Support Systems (OSS) Requirements*

- Existing: TIRKS, NMA, WFA
- New: None

D. *Software:*

- % or Generic upgrade buy-out assigned per UNE

III. PERFORMANCE STANDARDS/RELIABILITY

A. *General Description of Performance Standards and Reliability (include "parity" reqmts)*

Trunk Group Service Performance Objectives:

- Final Trunk Groups between an OLEC Switch and BellSouth Switch carrying Local traffic:

  The Design Blocking Objective is 1.0% during the Average Time-Consistent Busy Hour over a 20-day period. These trunk groups are monitored for blockages on a weekly basis.

  Trunk Group measurements on these trunk groups can be provided on a reciprocal basis. Since these trunks carry traffic from BellSouth to an OLEC, we need the OLEC to provide BellSouth with measurements to show that there is parity on provisioning and maintenance.

- Final Trunk Groups between BellSouth Switches carrying Local traffic:

  The Design Blocking Objective is 1.0% during the Average Time-Consistent Busy Hour over a 20-day period. These trunk groups are monitored for blockages on a weekly basis.

  There are no parity measurements on these trunk groups since they are shared resources with all of the parties receiving the same level of service. An OLEC call accesses the trunk groups in the same manner as a BellSouth call.

- This UNE will be designed to meet the transmission standards in our technical publications similar to those facilities used for Common Transport Trunk Groups.

Diversity Requirements:

No requirements for UNEs but some level of diversity will exist in BST network (embedded and forward looking)

Performance Monitoring:

No specific requirement, however, network element will be monitored as part of BST network infrastructure.

Special Considerations

None

Billing Guarantees do not apply - there will be CABS cost to exclude UNEs from current processes

Blocking Performance reports - none

IV. ORDERING, ADMINISTRATIVE, MAINTENANCE , AND PROVISIONING (OAM&P)

A. Intervals for Installation, Repair

Installation: Not Applicable for UIT-S

Repair: Same as Common Transport Trunk Groups

B. Description of Centers affected and their roles

Local Carrier Service Center (LCSC)
Handle Billing Disputes
Circuit Capacity Management (CCM)
Plan Interoffice Trunking Network based on all requirements.
Circuit Provisioning Group (CPG)
Provision Interoffice Trunking Network
Central Office Work Group (COWG)
Install new facilities based on WORD
Access Customer Advocacy Center (ACAC)
Not Involved

The Flow Diagram Below describes the work flows and groups involved with the provisioning of the shared trunking network utilized by UIT-S.

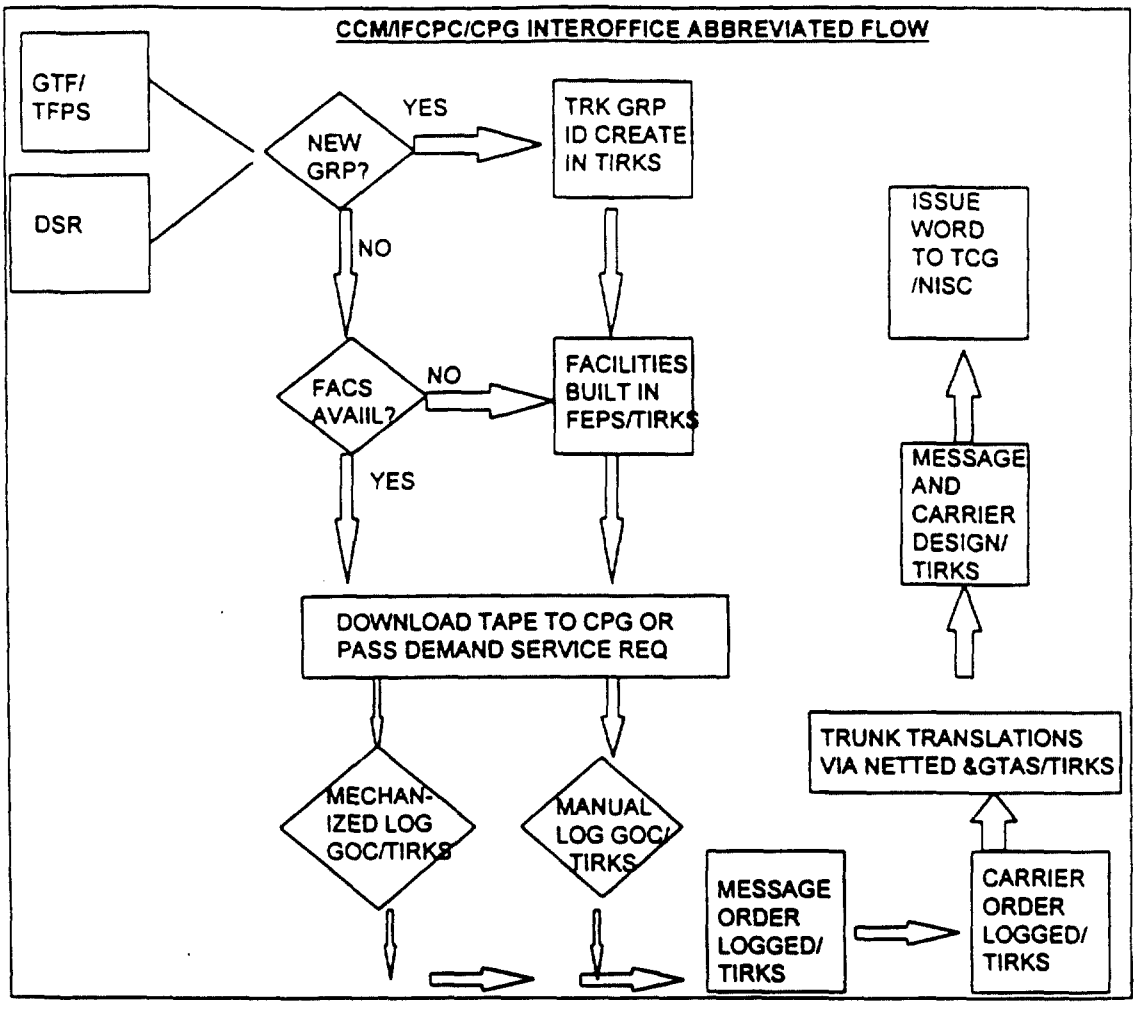
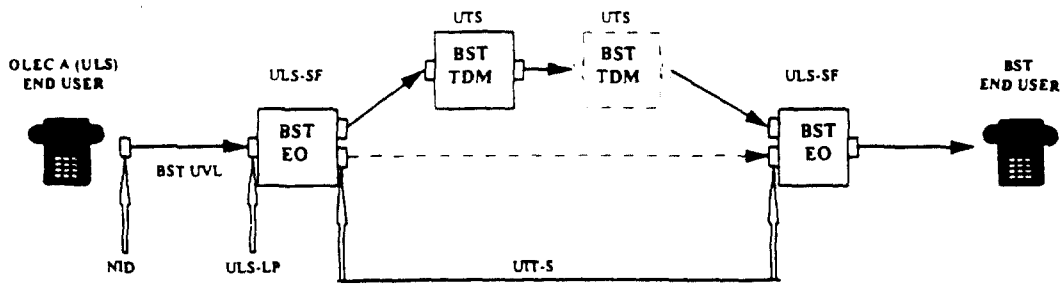


Figure IV-1. UIT-S Work Flow Diagram

V. Appendix A

PROPOSED UNE BILLING ARRANGEMENTS
LOCAL CALLING
Interoffice



Billing Concept
-- Unbundled Network Elements

Usage Recordings
-- Call Code 001 MBI01 (NOT MBI13) or Call Code 006 is made at the End Office. No tandem indicator, no access time, no attempts. No term recording.
-- Normal EO recordings appropriate to the type of service will be made.

BST bills OLEC A
-- UVL, ULS-LP, 2 ULS-SF, UIT-S between the two offices, Unbundled Tandem Switching (UTS)

* The UTS & UIT-S rate is a melded rate that includes direct, tandem and multiple tandem routing. UIT-S is usage based.

The UIT-S and UTS rates may be different from the access rates.

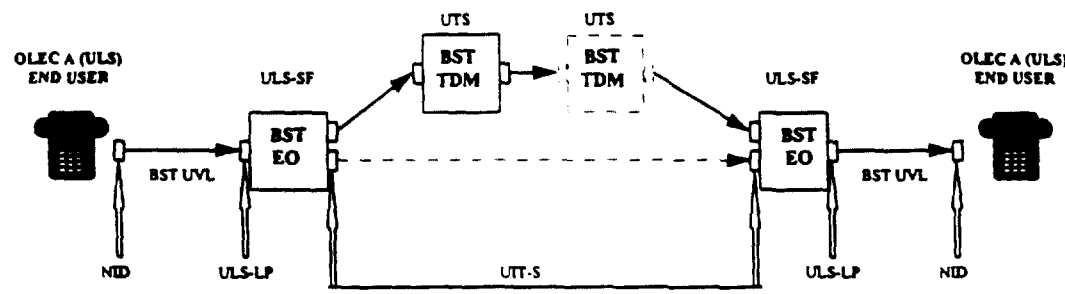
Signaling is part of the melded rate.

Billing Factors
-- NCTA

Record Exchange
-- BST sends Local record to OLEC A if appropriate via BIOSS

Appendix A Figure V-1

PROPOSED UNE BILLING ARRANGEMENTS
LOCAL CALLING
Interoffice



Billing Concept
-- Unbundled Network Elements

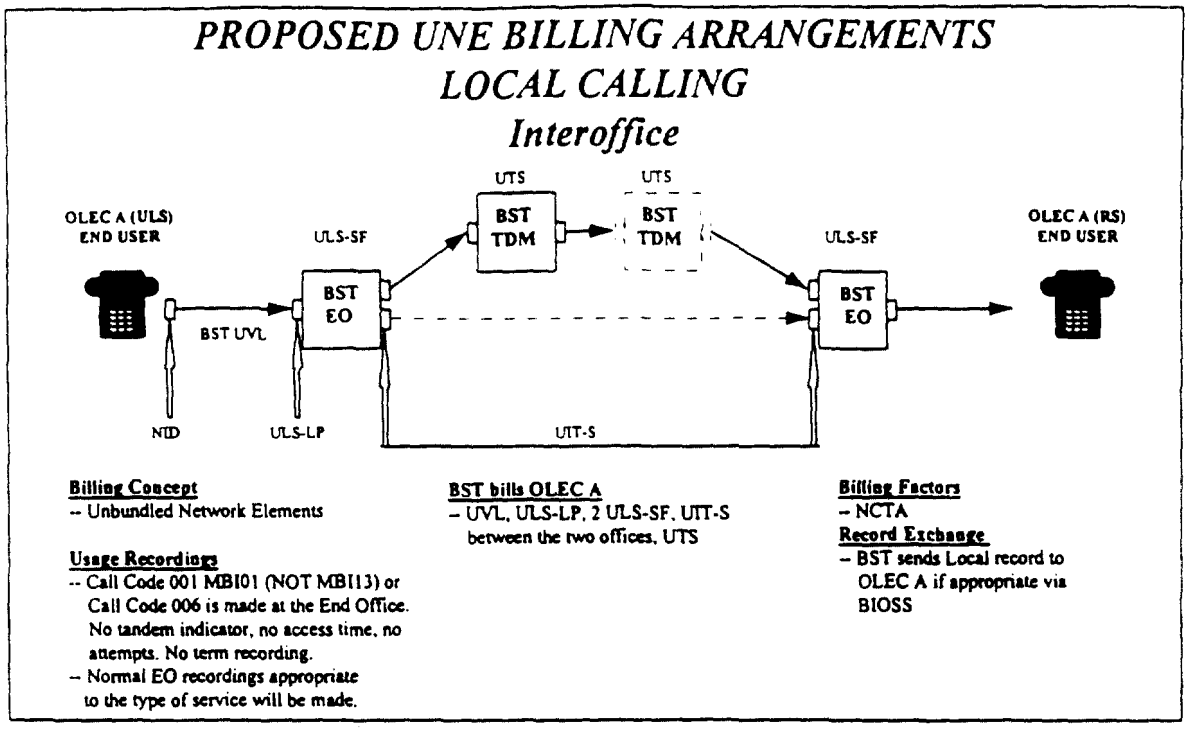
Usage Recordings
-- Call Code 001 MBI01 (NOT MBI13) or Call Code 006 is made at the End Office. No tandem indicator, no access time, no attempts. No term recording.
-- Normal EO recordings appropriate to the type of service will be made.

BST bills OLEC A
--2 UVL, 2 ULS-LP, 2 ULS-SF, UIT-S between the two offices, UTS

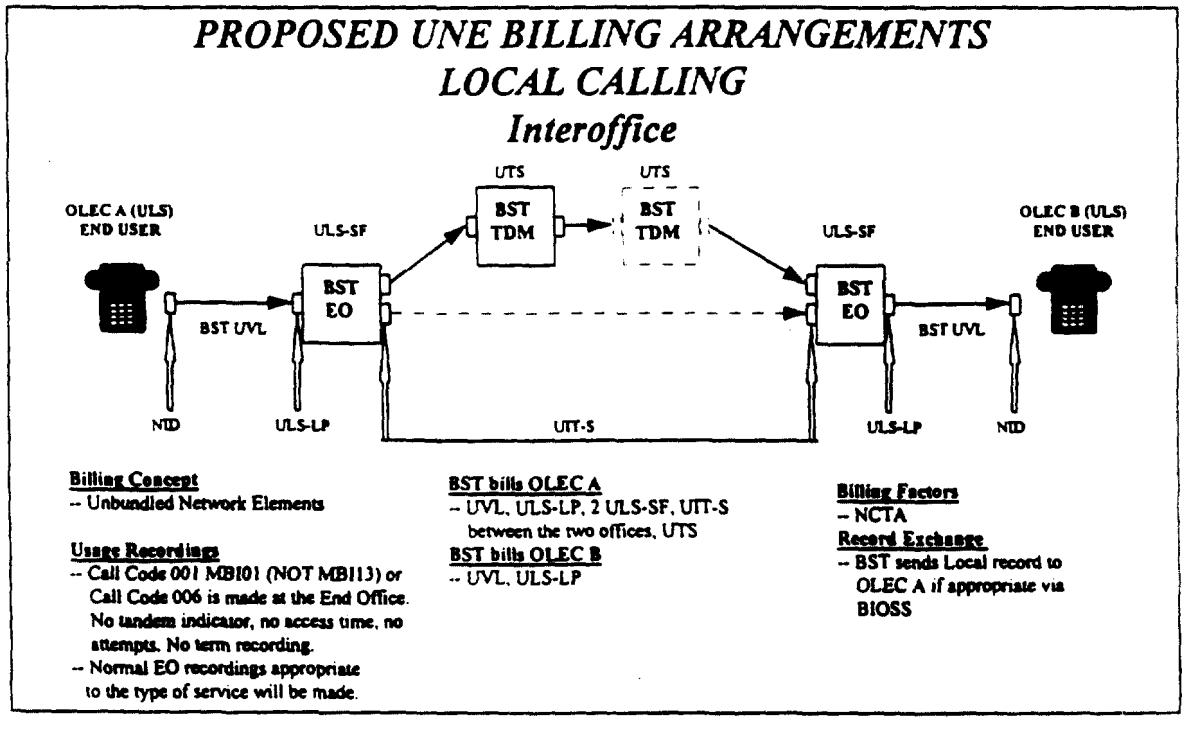
Billing Factors
-- NCTA

Record Exchange
-- BST sends Local record to OLEC A if appropriate via BIOSS

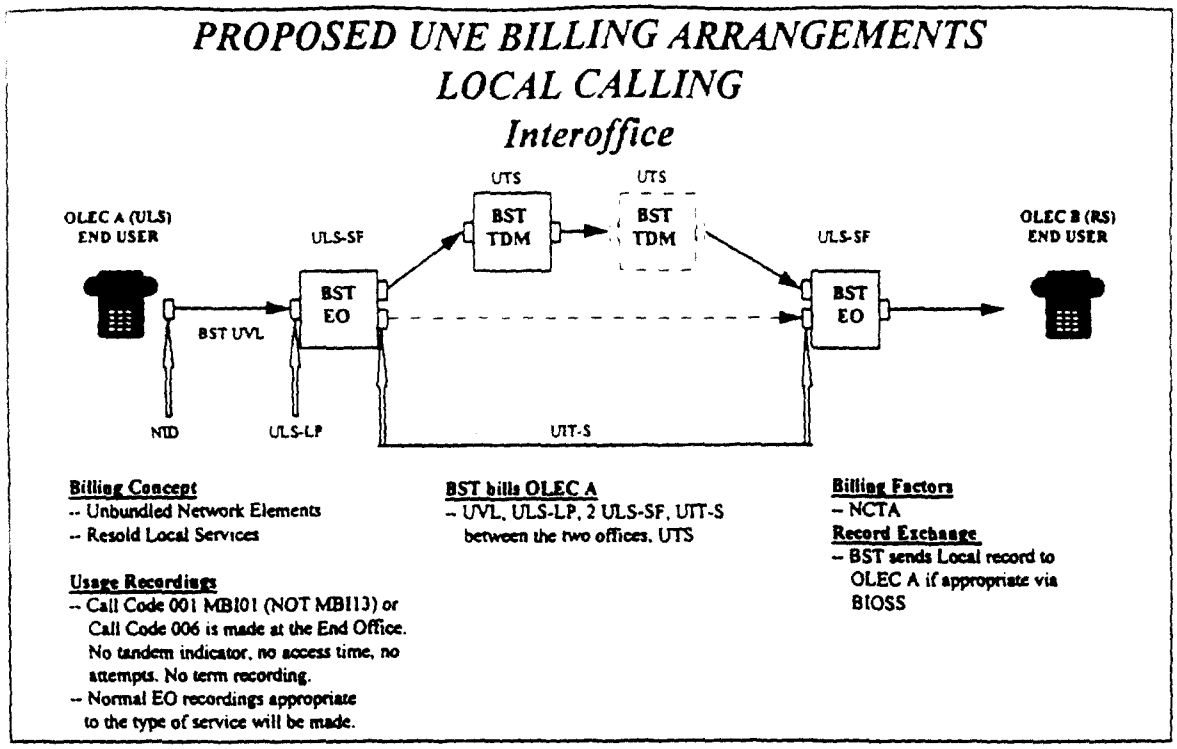
Appendix A Figure V-2



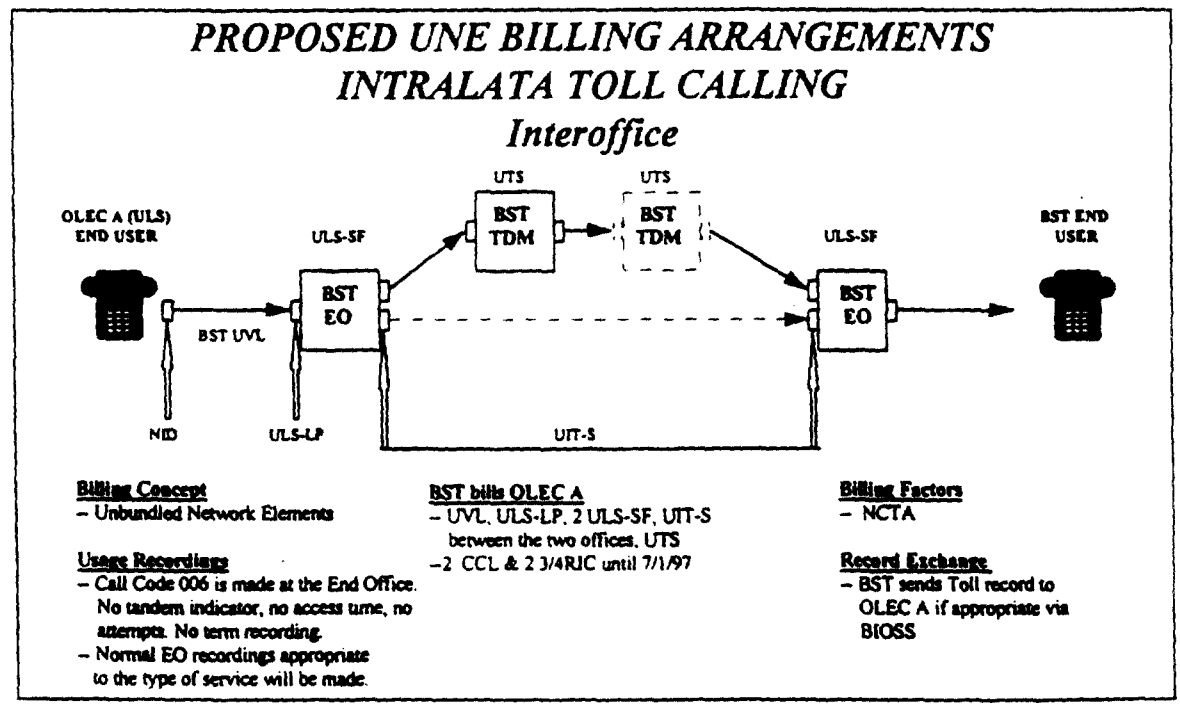
Appendix A Figure V-3



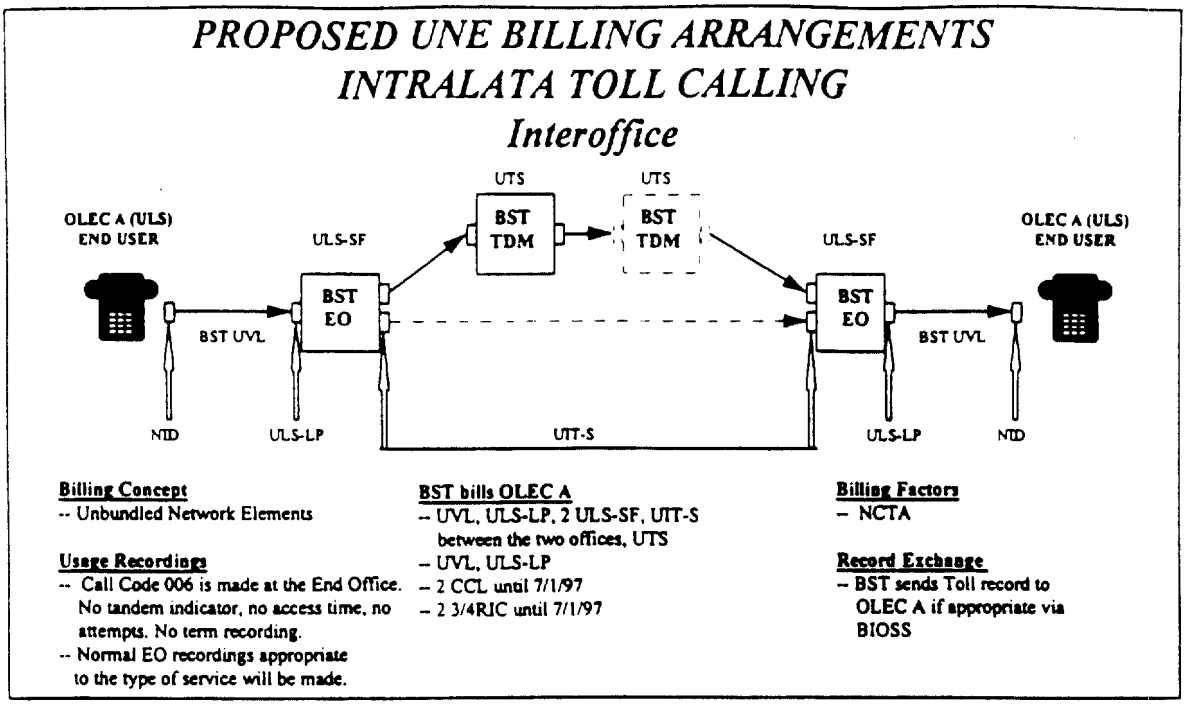
Appendix A Figure V-4



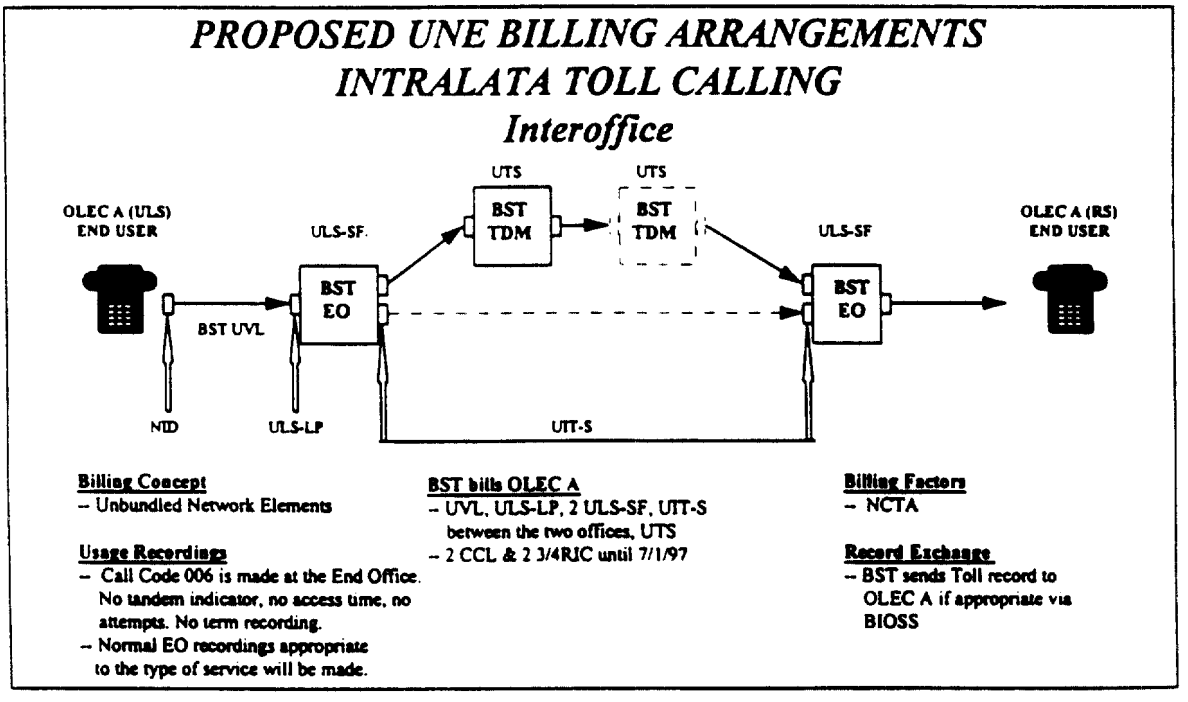
Appendix A Figure V-5



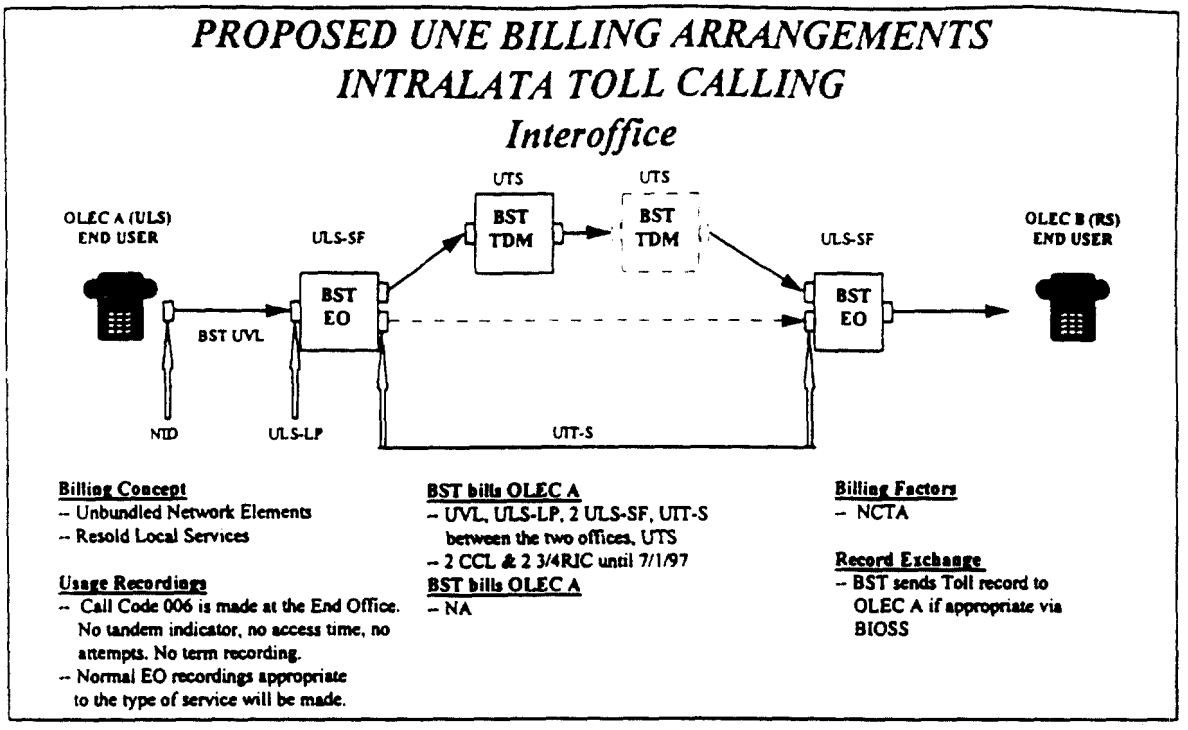
Appendix A Figure V-6



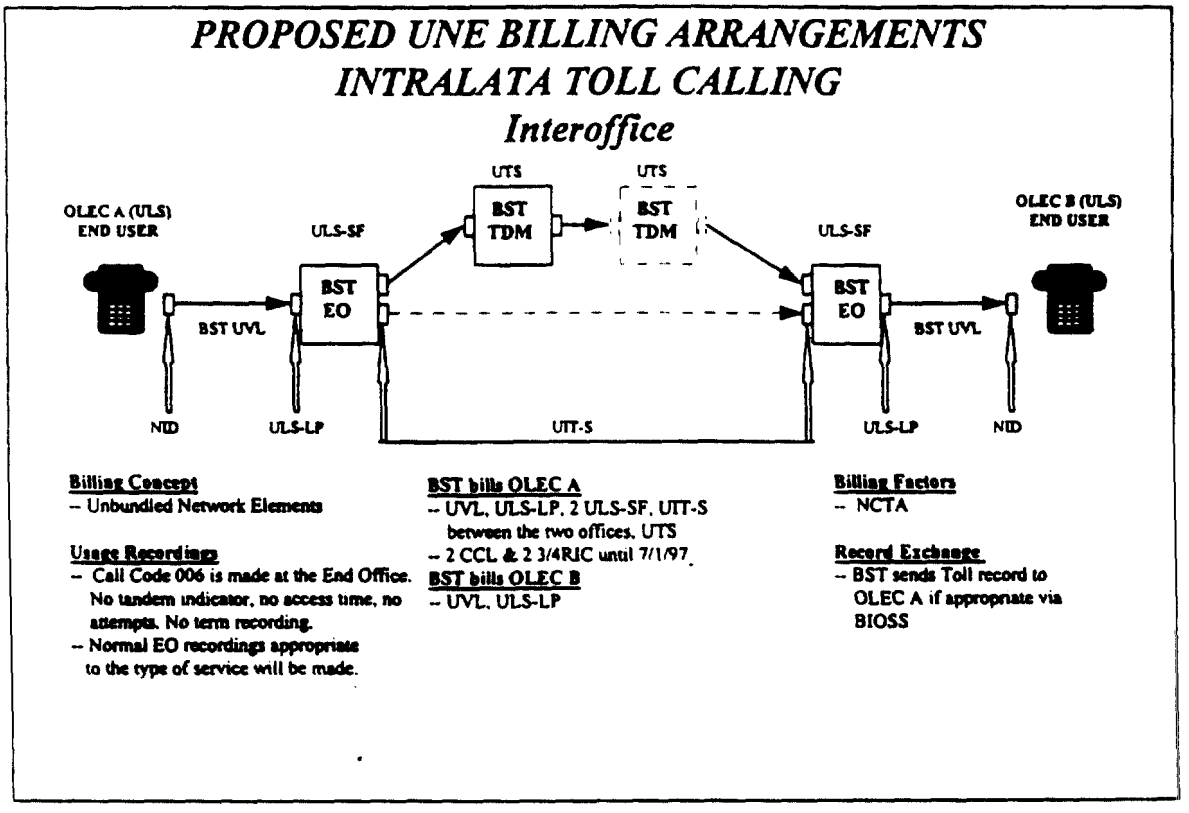
Appendix A Figure V-7



Appendix A Figure V-8

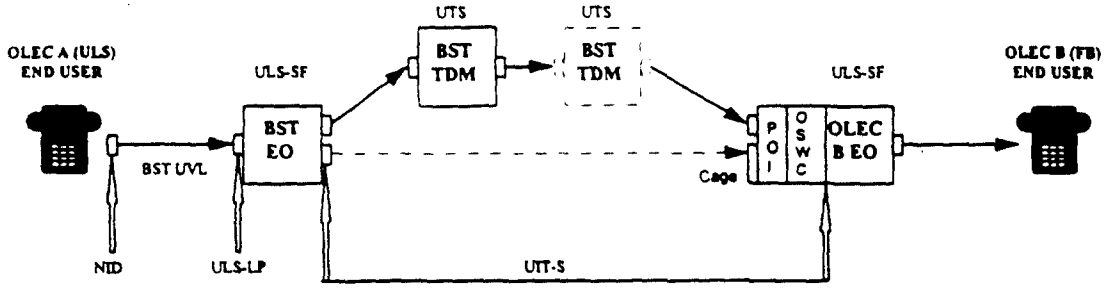


Appendix A Figure V-9



Appendix A Figure V-10

PROPOSED UNE BILLING ARRANGEMENTS
LOCAL CALLING
Interoffice



Billing Concept
– Unbundled Network Elements

Usage Recordings
– Call Code 001 MBI01 (NOT MBI13) or Call Code 006 is made at the End Office. No tandem indicator, no access time, no attempts. No term recording.
– Normal EO recordings appropriate to the type of service will be made.

BST bills OLEC A
– UVL, ULS-LP, ULS-SF, UTS, UIT-S from the BST EO to OLEC EO
– LIC from OSWC to OLEC B EO

OLEC B bills BST
– LIC

Billing Factors
– NCTA
BST provides OLEC B a PIU & PLU

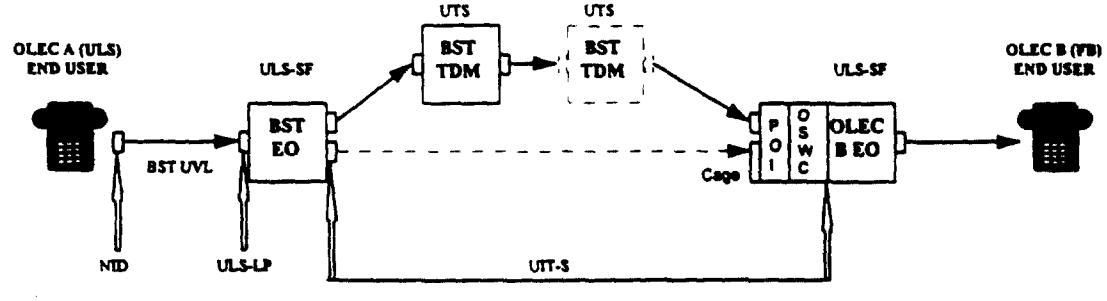
Record Exchange
– BST sends Local record to OLEC A if appropriate via BIOSS

Bill Verification
– BST holds a copy of this record

Factor Calculation
– BST holds a copy of this record

Appendix A Figure V-11

PROPOSED UNE BILLING ARRANGEMENTS
INTRALATA TOLL CALLING
Interoffice



Billing Concept
– Unbundled Network Elements
– Local Interconnection

Usage Recordings
– Call Code 006 is made at the End Office. No tandem indicator, no access time, no attempts. No term recording.
– Normal EO recordings appropriate to the type of service will be made.

BST bills OLEC A
– UVL, ULS-LP, ULS-SF, UIT-S from the BST EO to OLEC B EO, Originating CCL and 3/4RIC
– Intrastate Access (e.g. RIC, LS and CCL) using OLEC B's rates/structures

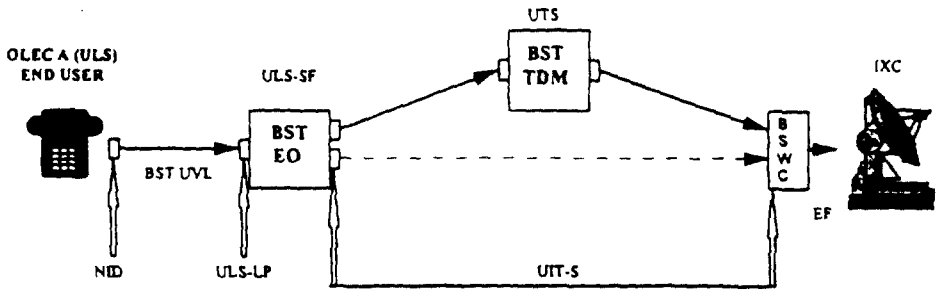
OLEC B bills BST
– Intrastate Access (e.g. RIC, Transport, LS and CCL)

Billing Factors
– BST provides OLEC B a PIU & PLU

Record Exchange
–

Appendix A Figure V-12

PROPOSED UNE BILLING ARRANGEMENTS
ACCESS CALLING
Interoffice



Billing Concept
-- Access
-- Unbundled Network Elements

Usage Recordings
-- Call Code 110

BST bills OLEC A
-- UVL, ULS-LP, ULS-SF, Originating CCL and 3/4RIC, UIT-S between BST EO and BST SWC or between BST EO and AT if dedicated between SWC and AT. No UIT-S if dedicated transport
*UNE RATES MUST BE APPLICABLE TO BOTH INTERSTATE AND INTRASTATE TRAFFIC.

OLEC A bills IXC
-- Originating Access as agreed upon between OLEC A & IXC

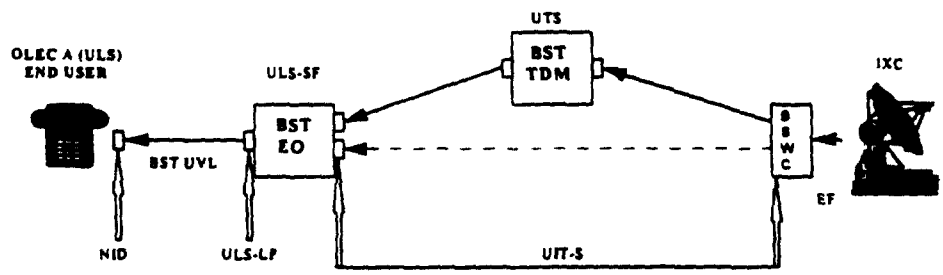
BST bills IXC
-- Dedicated Switched Transport between BST EO & BSWC if dedicated or between AT and BSWC. EF between POP and BSWC.

Billing Factors
-- PIU may be required for certain traffic types

Record Exchange
-- BST will send records to OLEC A so that OLEC A can bill the IXC

Appendix A Figure V-13

PROPOSED UNE BILLING ARRANGEMENTS
ACCESS CALLING
Interoffice



Billing Concept
-- Unbundled Network Elements
-- Access

Usage Recordings
-- Call Code 119

BST bills OLEC A
-- UVL, ULS-LP, ULS-SF, Terminating CCL and 3/4RIC, UIT-S between BST EO and BST SWC or between BST EO and AT if dedicated between SWC and AT. No UIT-S if dedicated transport
*UNE RATES MUST BE APPLICABLE TO BOTH INTERSTATE AND INTRASTATE TRAFFIC.

OLEC A bills IXC
-- Terminating Access as agreed upon between OLEC A & IXC

BST bills IXC
-- Dedicated Switched Transport between BST EO & BSWC if dedicated. EF between IXC POP & BSWC

Billing Factors
-- IXC must provide terminating PIU & possibly PLU.

Record Exchange
- BST will send records to OLEC A so that OLEC A can bill the IXC

Appendix A Figure V-14

TAB 11